

I CLAIM:

1. An accelerator pedal module (1) for controlling the power of a driving engine, in particular an internal combustion engine of a vehicle, comprising,

a bearing block (4),

a pedal lever (2) retained rotatably about a pivot axis (20) on the bearing block (4),

a rotation sensor (102) having a sensor shaft (100) actuated by the pedal lever (2), the sensor shaft being coaxial with the pivot axis (20),

at least a part (104) of the sensor shaft (100) being directly supported rotatably in a bearing bore (98) of a bearing region (78) that is integral with the bearing block (4), of which bearing region at least a part of the radially outer circumferential surface forms at least one bearing face (74, 82) for the pedal lever (2).

2. The accelerator pedal module according to claim 1, wherein the bearing region is formed by a hollow peg (78) of the bearing block (4), the hollow peg being coaxial with the pivot axis (20).

3. The accelerator pedal module according to claim 2, further comprising a plurality of partly cylindrical bearing faces (74, 82) of different diameter embodied on the radially outer circumferential surface of the hollow peg (78).

4. The accelerator pedal module according to claim 3, further comprising complementary bearing faces (88, 90) of the pedal lever (2) that are coaxial with the pivot axis (20) and partly cylindrical, and are associated with the bearing faces (74, 82) of the hollow peg (78).

5. The accelerator pedal module according to claim 4, further comprising a restoring spring system (10) for restoring the pedal lever (2) to an idling position, the restoring spring system (10) tensing the bearing faces (88, 90) of the pedal lever (2) against the bearing faces (74, 82) of the bearing block (4).

6. The accelerator pedal module according to claim 5, wherein the pedal lever (2) is guided between two cheeks (14) that are integral with the bearing block (4).

7. The accelerator pedal module according to claim 6, wherein the sensor shaft (100) is rotationally coupled directly to the pedal lever (2) by means of at least one driver (110) protruding radially through a wall of the hollow peg (78).

8. The accelerator pedal module according to claim 7, wherein one end (104) of the sensor shaft (100) is rotatably supported in the bearing bore (98) of the hollow peg (78), and the other end (106) of the sensor shaft is rotatably supported in a sensor housing (108) that is fixed on the bearing block (4).

9. The accelerator pedal module according to claim 8, wherein the driver (110) is embodied integrally with either the pedal lever (2) or the sensor shaft (100).

10. The accelerator pedal module according to claim 9, wherein the hollow peg (78) of the bearing block (4) comprises a slot (112), open toward the sensor housing (108), for the lateral introduction of the driver (110).

11. The accelerator pedal module according to claim 10, wherein the driver comprises a driver pin (110), embraced with prestressing in a recess (114) in the pedal lever (2) or in the bearing block (4).

12. The accelerator pedal module according to claim 11, wherein the recess is formed by a blind bore (114), whose cross section is slightly smaller than the cross section of the driver pin (110), at least one side wall of the blind bore being elastically deformable upon introduction of the driver pin (110).